

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0341	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0341 Sherman Island	U	9.64						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.03	4.40	17.63	182.93%				
Trim / Thin Trees	0.21	0.03	0.33	3.42%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.04	0.38	1.56	16.19%				
DWR UCIP Field Study					0.45	0.01		
<i>LMA Totals:</i>	0.28	4.81	19.52	202.54%	0.45	0.01	0.00	0.00
Unit No. 01 Threemile Slough RB	Overall Unit Rating	Total Unit Miles						
RD0341	A	3.36						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DWR UCIP Field Study					0.16			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.16	0.00	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0341	U	6.28						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.03	4.40	17.63	280.84%				
Trim / Thin Trees	0.21	0.03	0.33	5.26%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.04	0.38	1.56	24.85%				
DWR UCIP Field Study					0.29	0.01		
<i>Unit Totals:</i>	0.28	4.81	19.52	310.95%	0.29	0.01	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway			Bank	Unit Miles
Unit No. 01 Threemile Slough			Right	3.36
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/30/2015 - 03/30/2015		10/08/2015 - 10/08/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Joel McElroy RD 341			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	13	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Operations & Maintenance Manuals				o	
					o	
DWR ID	DWR_RD0341_01_f_2014_13					
Action/Comments						
Inspector Comments: District has the O+M Manual on hand.						

No Photos

LM Start		Rating **	A	Issue No.	14	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	
					°	
DWR ID	DWR_RD0341_01_f_2014_14					
Action/Comments						
Inspector Comments: District has emergency supplies stored.						

No Photos

LM Start		Rating **	A	Issue No.	15	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	
					°	
DWR ID	DWR_RD0341_01_f_2014_15					
Action/Comments						
Inspector Comments: District is prepared for a flood fight.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	27
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.085507 °	38.085507 °
				-121.686528 °	-121.686528 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22063 DS_ID:24215 EP_NO: N/A FS_HLM: 0 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on both sides. Pump on landward side approximately 300 feet from landward toe. Pipe exposed on both levee slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.0). Marine Station number 1 located on waterward side with attached small solar panel on top. FS Date: 05/05/2009					

Photo 1 of 3 : UCIP_FA_2015_1748.jpg



Marine station posts in river identified as Station 1 near crossing.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	27 (cont)
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.085507 °	38.085507 °
				-121.686528 °	-121.686528 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22063 DS_ID:24215 EP_NO: N/A FS_HLM: 0 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on both sides. Pump on landward side approximately 300 feet from landward toe. Pipe exposed on both levee slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.0). Marine Station number 1 located on waterward side with attached small solar panel on top. FS Date: 05/05/2009					

Photo 2 of 3 : UCIP_FA_2015_1749.jpg



Overview of landward slope above ground once it exits levee. Pump is located approximately 300 feet from levee toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	27 (cont)
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.085507 °	38.085507 °
				-121.686528 °	-121.686528 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22063 DS_ID:24215 EP_NO: N/A FS_HLM: 0 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on both sides. Pump on landward side approximately 300 feet from landward toe. Pipe exposed on both levee slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.0). Marine Station number 1 located on waterward side with attached small solar panel on top. FS Date: 05/05/2009					

Photo 3 of 3 : UCIP_FA_2015_1751.jpg



View of pipe and siphon breaker located on waterward side--dense vegetation on slope.

LM Start	0.01	Rating **	A	Issue No.	23
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.085668 °	38.113412 °
				-121.686523 °	-121.684058 °
DWR ID	DWR_RD0341_01_f_2015_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation.					

Photo 1 of 1 : FA_2015_RD0341_167_23_20151008_00013.jpg



RD 341 Looking downstream from levee mile 0.00 at mowed levee slope. The arundo has been sprayed.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	24
LM End	3.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.085668 °	38.105183 °
				-121.686523 °	-121.702030 °
DWR ID	DWR_RD0341_01_f_2015_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation present on slope.					

Photo 1 of 1 : FA_2015_RD0341_167_24_20151008_00014.jpg



RD 341 Looking downstream from levee mile 0.01 slopes has been mowed to levee mile 3.33.

LM Start	0.02	Rating **	C	Issue No.	1
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.085785 °	38.085975 °
				-121.686613 °	-121.686748 °
DWR ID	DWR_RD0341_01_f_2014_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.48	Rating **	M	Issue No.	28
LM End	0.48	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092464 °	38.092464 °
				-121.686962 °	-121.686962 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22064
 DS_ID:24110
 EP_NO: 6297
 FS_HLM: 0.48
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Markers Missing. No markers found to confirm crossing is still in use--need to contact owner to determine status of crossing.
 FIELD_STRUCT_DESC: 3-inch electrical conduit through the levee, 3.5 feet below the crown. Location marker on waterward shoulder--no marker found. Pole on landward side. Rock revetment on waterward slope. (Permit No. 6297-1969)
 FS Date: 05/05/2009

LM Start	0.48	Rating **	M	Issue No.	28 (cont)
LM End	0.48	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1752.jpg



Power pole located on landward side aligns with crossing.

Photo 2 of 3 : UCIP_FA_2015_1753.jpg



Underground Service Alert (USA) markings on road shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.48	Rating **	M	Issue No.	28 (cont)
LM End	0.48	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092464 °	38.092464 °
				-121.686962 °	-121.686962 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22064					
DS_ID:24110					
EP_NO: 6297					
FS_HLM: 0.48					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1754.jpg



Underground Service Alert (USA) markings on road surface indicating line is still present.

LM Start	0.50	Rating **	M	Issue No.	29
LM End	0.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092754 °	38.092754 °
				-121.686878 °	-121.686878 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22068 DS_ID:24111 EP_NO: 1477 FS_HLM: 0.5 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 1.8 feet below the crown. Pipe is encased in 12-inch CM condutor pipe under crown. Pump on landward side. Air vent and metal distribution box with gate on the landward side. Rock revetment on the waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.50). 30-feet of pipe under crown was replaced and encased in CM pipe under Permit No. 1477 (1950). FS Date: 05/05/2009					

Photo 1 of 3 : UCIP_FA_2015_1750.jpg



Cut along pipe alignment--unknown repair or maintenance date.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.50	Rating **	M	Issue No.	29 (cont)
LM End	0.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092754 °	38.092754 °
				-121.686878 °	-121.686878 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22068
DS_ID:24111
EP_NO: 1477
FS_HLM: 0.5
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 1.8 feet below the crown. Pipe is encased in 12-inch CM condutor pipe under crown. Pump on landward side. Air vent and metal distribution box with gate on the landward side. Rock revetment on the waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.50). 30-feet of pipe under crown was replaced and encased in CM pipe under Permit No. 1477 (1950).
FS Date: 05/05/2009

LM Start	0.50	Rating **	M	Issue No.	29 (cont)
LM End	0.50	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1755.jpg



View of pipe on waterward side.

Photo 3 of 3 : UCIP_FA_2015_1756.jpg



Enter photo 9 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	0.77	Rating **	C	Issue No.	5
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.096605 °	38.096605 °
				-121.686937 °	-121.686937 °
DWR ID	DWR_RD0341_01_f_2014_5				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.07	Rating **	M	Issue No.	30
LM End	1.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.100972 °	38.100972
				-121.686813 °	-121.686813
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22070 DS_ID:24113 EP_NO: 11095 FS_HLM: 1.066 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe sleeved through 24-inch pipe through the levee, 4.0 feet below the crown. Air vent and monitoring well on landward side. Pipe exposed on the waterward slope. This pipe was retained under ABO No. 11095 (1975). FS Date: 05/05/2009					

Photo 1 of 3 : UCIP_FA_2015_1757.jpg



Gate located past the fence area near landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	1.07	Rating **	M	Issue No.	30 (cont)
LM End	1.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.100972 °	38.100972 °
				-121.686813 °	-121.686813 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22070
 DS_ID:24113
 EP_NO: 11095
 FS_HLM: 1.066
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 18-inch pipe sleeved through 24-inch pipe through the levee, 4.0 feet below the crown. Air vent and monitoring well on landward side. Pipe exposed on the waterward slope. This pipe was retained under ABO No. 11095 (1975).
 FS Date: 05/05/2009

LM Start	1.07	Rating **	M	Issue No.	30 (cont)
LM End	1.07	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_1758.jpg



View of landward side--visible standup pipe on slope.

Photo 3 of 3 : UCIP_FA_2015_1759.jpg



View of pipe located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	1.44	Rating **	M	Issue No.	31
LM End	1.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.106183 °	38.106183
				-121.685541 °	-121.685541 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22074 DS_ID:24115 EP_NO: N/A FS_HLM: 1.43 Repair Type: Non-Urgent Crossing Status: Found					

LM Start	1.44	Rating **	M	Issue No.	31 (cont)
LM End	1.44	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_1760.jpg



Inside view of vault located on the landward side.

Photo 2 of 3 : UCIP_FA_2015_1761.jpg



View of pipe inside concrete box located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	1.44	Rating **	M	Issue No.	31 (cont)
LM End	1.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.106183 °	38.106183
				-121.685541 °	-121.685541
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22074					
DS_ID:24115					
EP_NO: N/A					
FS_HLM: 1.43					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1762.jpg



Concrete box located on landward side.

LM Start	1.45	Rating **	M	Issue No.	32
LM End	1.45	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.106323 °	38.106323 °
				-121.685493 °	-121.685493 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22076 DS_ID:24217 EP_NO: N/A FS_HLM: 1.44 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown detail of the size of crossing. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: Gas line through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.44). FS Date: 05/05/2009					

Photo 1 of 3 : UCIP_FA_2015_1763.jpg



Inside view of vault located on the landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	1.45	Rating **	M	Issue No.	32 (cont)
LM End	1.45	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.106323 °	38.106323 °
				-121.685493 °	-121.685493 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22076
 DS_ID:24217
 EP_NO: N/A
 FS_HLM: 1.44
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Unknown detail of the size of crossing. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker.
 FIELD_STRUCT_DESC: Gas line through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.44).
 FS Date: 05/05/2009

LM Start	1.45	Rating **	M	Issue No.	32 (cont)
LM End	1.45	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_1764.jpg



View of pipe inside concrete box located on landward side.

Photo 3 of 3 : UCIP_FA_2015_1765.jpg



Concrete box located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	1.94	Rating **	C	Issue No.	9
LM End	1.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.113372 °	38.113580 °
				-121.684063 °	-121.684095 °
DWR ID	DWR_RD0341_01_f_2014_9				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: The Arundo on the levee slope shown in the picture need to be removed from the levee section.					

No Photos

LM Start	1.96	Rating **	M	Issue No.	33
LM End	1.96	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113641 °	38.113641 °
				-121.684112 °	-121.684112 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22086 DS_ID:24116 EP_NO: 11103 FS_HLM: 1.95 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine if crossing is the same as permitted under permit no. 11103. Need to contact owner and determine status of crossing under permit no. 11103. Believe steel conduit is exposed on landward side. FIELD_STRUCT_DESC: 1.5-inch iron water pipe and 3.5-inch electrical steel conduit through the levee, both 3.0 feet below the crown. Pressure system and service pole on landward slope. Fishing resort on waterward side. This pipe was retained under ABO No. 11103 (1975). FS Date: 05/05/2009					

Photo 1 of 3 : UCIP_FA_2015_1766.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	1.96	Rating **	M	Issue No.	33 (cont)
LM End	1.96	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113641 °	38.113641 °
				-121.684112 °	-121.684112 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22086
 DS_ID:24116
 EP_NO: 11103
 FS_HLM: 1.95
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Unable to determine if crossing is the same as permitted under permit no. 11103. Need to contact owner and determine status of crossing under permit no. 11103. Believe steel conduit is exposed on landward side.
 FIELD_STRUCT_DESC: 1.5-inch iron water pipe and 3.5-inch electrical steel conduit through the levee, both 3.0 feet below the crown. Pressure system and service pole on landward slope. Fishing resort on waterward side. This pipe was retained under ABO No. 11103 (1975).
 FS Date: 05/05/2009

LM Start	1.96	Rating **	M	Issue No.	33 (cont)
LM End	1.96	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1767.jpg



Power connection on waterward side no other appurtenances found.

Photo 3 of 3 : UCIP_FA_2015_1784.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	34
LM End	2.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114092 °	38.114092 °
				-121.684524 °	-121.684524 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22093					
DS_ID:24237					
EP_NO: 5427					
FS_HLM: 1.99					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	2.00	Rating **	M	Issue No.	34 (cont)
LM End	2.00	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_1788.jpg



Electrical connection visible next to concrete pad--right corner.

Photo 2 of 2 : UCIP_FA_2015_1789.jpg



Electrical conduit and box located on left corner of picture.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	35
LM End	2.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114092 °	38.114092 °
				-121.684524 °	-121.684524 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22091					
DS_ID:24117					
EP_NO: 5427					
FS_HLM: 1.99					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	2.00	Rating **	M	Issue No.	35 (cont)
LM End	2.00	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1785.jpg



View of waterward side.

Photo 2 of 3 : UCIP_FA_2015_1786.jpg



Stand pipe (potential observation well) and concrete pad located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	35 (cont)
LM End	2.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114092 °	38.114092 °
				-121.684524 °	-121.684524 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22091					
DS_ID:24117					
EP_NO: 5427					
FS_HLM: 1.99					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_1787.jpg



View of potential observation well on landward side.

LM Start	2.03	Rating **	A	Issue No.	26
LM End	3.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.114157 °	38.105183 °
				-121.684945 °	-121.702030 °
DWR ID	DWR_RD0341_01_f_2015_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation, slope has been mowed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.05	Rating **	M	Issue No.	36
LM End	2.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114043 °	38.114043 °
				-121.685421 °	-121.685421 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22098 DS_ID:24242 EP_NO: 960 FS_HLM: 2.04 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine last inspection and status of crossing. FIELD_STRUCT_DESC: 2 of 2: 10-inch gas line through the levee, 2.0 feet below the crown. Cutoff wall around pipes at center of levee. Valve pit on landward shoulder, with 2-inch drain pipe along landward slope. Location marker on waterward slope. (Permit No. 960-1944) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.04). Pipe video inspected by PG&E under Permit No. 15319 (1990). FS Date: 05/05/2009					

LM Start	2.05	Rating **	M	Issue No.	36 (cont)
LM End	2.05	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_1792.jpg



Markers also visible on landward side near levee toe.

Photo 2 of 2 : UCIP_FA_2015_2392.jpg



Warning marker visible on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.05	Rating **	M	Issue No.	37
LM End	2.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114043 °	38.114043 °
				-121.685421 °	-121.685421 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22094					
DS_ID:24119					
EP_NO: 960					
FS_HLM: 2.04					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	2.05	Rating **	M	Issue No.	37 (cont)
LM End	2.05	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_1790.jpg



Landward markers visible near levee toe.

Photo 2 of 2 : UCIP_FA_2015_1791.jpg



Pipeline marker located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.10	Rating **	M	Issue No.	38
LM End	2.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113753 °	38.113753
				-121.686298 °	-121.686298
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39860					
DS_ID:24756					
EP_NO: 17251					
FS_HLM: 2.092					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	2.10	Rating **	M	Issue No.	38 (cont)
LM End	2.10	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_6531.jpg



Markers visible on landward toe.

Photo 2 of 2 : UCIP_FA_2015_6532.jpg



View of sign located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.35	Rating **	M	Issue No.	39
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111444 °	38.111444 °
				-121.689785 °	-121.689785 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22106					
DS_ID:24120					
EP_NO: 11102					
FS_HLM: 2.34					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	2.35	Rating **	M	Issue No.	39 (cont)
LM End	2.35	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_2393.jpg



Siphon breaker located on landward slope.

Photo 2 of 3 : UCIP_FA_2015_2394.jpg



Riser and gate visible on waterward side--dense vegetation limits inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.35	Rating **	M	Issue No.	39 (cont)
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.111444 °	38.111444
				-121.689785 °	-121.689785
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22106					
DS_ID:24120					
EP_NO: 11102					
FS_HLM: 2.34					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2395.jpg



View of pipe on waterward side.

LM Start	2.95	Rating **	M	Issue No.	40
LM End	2.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22116 DS_ID:24238 EP_NO: N/A FS_HLM: 2.93 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe side does not match--found 10 inch instead of 8 inch. Pipe (2 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 10-inch (not 8-inch as originally mentioned in desk study) steel irrigation pipe through the levee, 1.6 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). FS Date: 05/05/2009					

Photo 1 of 3 : UCIP_FA_2015_2399.jpg



Small stand pipe located on waterward side--unknown purpose of stand pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	40 (cont)
LM End	2.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22116 DS_ID:24238 EP_NO: N/A FS_HLM: 2.93 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe side does not match--found 10 inch instead of 8 inch. Pipe (2 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 10-inch (not 8-inch as originally mentioned in desk study) steel irrigation pipe through the levee, 1.6 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). FS Date: 05/05/2009					

Photo 2 of 3 : UCIP_FA_2015_2400.jpg



Stand pipe located near levee toe on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	40 (cont)
LM End	2.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22116 DS_ID:24238 EP_NO: N/A FS_HLM: 2.93 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe side does not match--found 10 inch instead of 8 inch. Pipe (2 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 10-inch (not 8-inch as originally mentioned in desk study) steel irrigation pipe through the levee, 1.6 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). FS Date: 05/05/2009					

Photo 3 of 3 : UCIP_FA_2015_2401.jpg



View of pipe and rip rap located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	41
LM End	2.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22112

DS_ID:24121

EP_NO: N/A

FS_HLM: 2.93

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Pipe side does not match found 10 inch instead of 8 inch. Pipe (1 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 10-inch (not 8-inch as originally noted in records) steel irrigation pipe through the levee, 1.4 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93).

FS Date: 05/05/2009

Photo 1 of 3 : UCIP_FA_2015_2396.jpg



Small stand pipe located on waterward side--unknown purpose of stand pipe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	41 (cont)
LM End	2.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22112					
DS_ID:24121					
EP_NO: N/A					
FS_HLM: 2.93					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe side does not match found 10 inch instead of 8 inch. Pipe (1 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 1 of 2: 10-inch (not 8-inch as originally noted in records) steel irrigation pipe through the levee, 1.4 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93).					
FS Date: 05/05/2009					

Photo 2 of 3 : UCIP_FA_2015_2397.jpg



Stand pipe located near levee toe on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	41 (cont)
LM End	2.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22112
 DS_ID:24121
 EP_NO: N/A
 FS_HLM: 2.93
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe side does not match found 10 inch instead of 8 inch. Pipe (1 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 1 of 2: 10-inch (not 8-inch as originally noted in records) steel irrigation pipe through the levee, 1.4 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93).
 FS Date: 05/05/2009

Photo 3 of 3 : UCIP_FA_2015_2398.jpg



View of pipe and rip rap located on waterward side.

LM Start	3.33	Rating **	M	Issue No.	42
LM End	3.33	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105183 °	38.105183 °
				-121.702026 °	-121.702026 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22183
 DS_ID:24245
 EP_NO: N/A
 FS_HLM: 3.31
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: New crossing found in field--need to find owner and determine permit authorizing work.
 FIELD_STRUCT_DESC: 10-inch corrugated metal pipe extruding from the waterward slope.
 FS Date: 05/05/2009

Photo 1 of 3 : UCIP_FA_2015_1669.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/08/2015 10/08/2015	Herman Phillips

LM Start	3.33	Rating **	M	Issue No.	42 (cont)
LM End	3.33	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105183 °	38.105183 °
				-121.702026 °	-121.702026 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22183 DS_ID:24245 EP_NO: N/A FS_HLM: 3.31 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New crossing found in field--need to find owner and determine permit authorizing work. FIELD_STRUCT_DESC: 10-inch corrugated metal pipe extruding from the waterward slope. FS Date: 05/05/2009					

LM Start	3.33	Rating **	M	Issue No.	42 (cont)
LM End	3.33	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1670.jpg



View of corrugated metal pipe on waterward side.

Photo 3 of 3 : UCIP_FA_2015_1671.jpg



Pipe on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	6.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	03/30/2015 - 03/30/2015		10/08/2015 - 10/08/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	3.34	Rating **	M	Issue No.	2
LM End	3.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105130 °	38.105313
				-121.702000 °	-121.702713
DWR ID	DWR_RD0341_02_f_2014_2				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2015_RD0341_168_2_20151008_00021.jpg



RD 341 Unit 2 looking downstream from levee mile 3.34 -3.37 waterside.

LM Start	3.40	Rating **	A	Issue No.	43
LM End	3.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105223 °	38.098143 °
				-121.703263 °	-121.706302 °
DWR ID	DWR_RD0341_02_f_2015_43				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.40	Rating **	A	Issue No.	44
LM End	3.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105223 °	38.098143 °
				-121.703263 °	-121.706302 °
DWR ID	DWR_RD0341_02_f_2015_44				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	3.59	Rating **	C	Issue No.	5
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.103048 °	38.103048
				-121.705475 °	-121.705475
DWR ID	DWR_RD0341_02_f_2014_5				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.81	Rating **	C	Issue No.	6
LM End	3.81	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.100135 °	38.100135 °
				-121.706337 °	-121.706337 °
DWR ID	DWR_RD0341_02_f_2014_6				
Action/Comments					
Tree or limb					

No Photos

LM Start	3.97	Rating **	U	Issue No.	45
LM End	6.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.097763 °	38.080573 °
				-121.706288 °	-121.731113 °
DWR ID	DWR_RD0341_02_f_2015_45				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The unwanted vegetation on the waterside needs spraying or mowing. The arundo present blocks view of the levee section.					

Photo 1 of 1 : FA_2015_RD0341_168_45_20151008_00023.jpg



Looking downstream from the waterside slope unwanted vegetation shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	3.97	Rating **	U	Issue No.	46
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.097763 °	38.080323 °
				-121.706287 °	-121.730453 °
DWR ID	DWR_RD0341_02_f_2015_46				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the wild vegetation from the landside slope.					

Photo 1 of 1 : FA_2015_RD0341_168_46_20151008_00024.jpg



Looking downstream from the landside at tall anise weeds on the slope and toe.

LM Start	4.04	Rating **	M	Issue No.	51
LM End	4.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.096783 °	38.096783 °
				-121.706173 °	-121.706173 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22203 DS_ID:24135 EP_NO: 11110 FS_HLM: 4.03 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 3.8 feet below the crown. Pump on concrete well on landward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.03). 10-inch pipe was retained under ABO No. 11110 (1975). FS Date: 05/06/2009					

Photo 1 of 2 : UCIP_FA_2015_1732.jpg



Limited access to waterward side--pipe visible through brush.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	4.04	Rating **	M	Issue No.	51 (cont)	
LM End	4.04	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.096783 °	38.096783 °	
				-121.706173 °	-121.706173 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:22203 DS_ID:24135 EP_NO: 11110 FS_HLM: 4.03 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 3.8 feet below the crown. Pump on concrete well on landward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.03). 10-inch pipe was retained under ABO No. 11110 (1975). FS Date: 05/06/2009						

Photo 2 of 2 : UCIP_FA_2015_1733.jpg



View of landward shoulder and low spots on highway.

LM Start	4.15	Rating **	M	Issue No.	7
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.095148 °	38.094590 °
				-121.706367 °	-121.706393 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Large new erosion pocket probably hidden by vegetation in the past. 2015: No observed changes. [2015 Site ID: SAC_8-2_L]					

Photo 1 of 1 : USACE2013A_SAC_8-2_L_2.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	4.31	Rating **	M	Issue No.	52
LM End	4.31	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092900 °	38.092900 °
				-121.706070 °	-121.706070 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22223 DS_ID:24122 EP_NO: 11106 FS_HLM: 4.29 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 4.0 feet below the crown. Pump on pile structure in stream. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.29). 12-inch pipe was retained under ABO No. 11106 (1975). FS Date: 05/06/2009					

Photo 1 of 1 : UCIP_FA_2015_1734.jpg



View of waterward side--pipe and pump visible.

LM Start	4.47	Rating **	U	Issue No.	3
LM End	4.62	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.090620 °	38.088572 °
				-121.706684 °	-121.707127 °
DWR ID					
Action/Comments					
Inspector Comments: 1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011 - More slumping since last year. 2012 - Site upgraded to critical. Very steep slope which may be effecting the highway on top of the levee. 2015: New erosion towards downstream end of site. [2015 Site ID: SAC_8-0_L]					

Photo 1 of 1 : USACE2013A_SAC_8-0_L_2.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	4.76	Rating **	U	Issue No.	4
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.086603 °	38.085459 °
				-121.707786 °	-121.708607 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Large slump section. 2012 - Site extended downstream, upgraded to critical, severe windwave. Slope is very steep and may be effecting the highway on top of the levee. 2015: No observed changes. [2015 Site ID: SAC_7-9_L]					

Photo 1 of 1 : USACE2013A_SAC_7-9_L_1.jpg



USACE 2013 Photo #1

LM Start	4.79	Rating **	M	Issue No.	53
LM End	4.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.086119 °	38.086119 °
				-121.707912 °	-121.707912 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22186 DS_ID:24123 EP_NO: 4855 FS_HLM: 4.76 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Valve and pump on landward side. Rock revetment on waterward slope. (Permit No. 4855-1965) FS Date: 05/06/2009					

Photo 1 of 2 : UCIP_FA_2015_1672.jpg



View of waterward toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	4.79	Rating **	M	Issue No.	53 (cont)	
LM End	4.79	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.086119 °	38.086119 °	
				-121.707912 °	-121.707912 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:22186 DS_ID:24123 EP_NO: 4855 FS_HLM: 4.76 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Valve and pump on landward side. Rock revetment on waterward slope. (Permit No. 4855-1965) FS Date: 05/06/2009						

Photo 2 of 2 : UCIP_FA_2015_1673.jpg



View of crossing on waterward side--dense vegetation on slopes.

LM Start	4.99	Rating **	M	Issue No.	54
LM End	4.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083881 °	38.083881 °
				-121.710060 °	-121.710060 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39862 DS_ID:24124 EP_NO: 1806 FS_HLM: 4.95 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has failed. Large holes present on waterward side. Need to contact owner. Crossing needs to be addressed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through the levee, 6.8 feet below the crown. Hand primer pump in pumphouse on landward slope. Pipe exposed on both slopes. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). FS Date: 05/06/2009					

Photo 1 of 2 : UCIP_FA_2015_1818.jpg



Holes present on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	4.99	Rating **	M	Issue No.	54 (cont)
LM End	4.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083881 °	38.083881 °
				-121.710060 °	-121.710060 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:39862 DS_ID:24124 EP_NO: 1806 FS_HLM: 4.95 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has failed. Large holes present on waterward side. Need to contact owner. Crossing needs to be addressed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through the levee, 6.8 feet below the crown. Hand primer pump in pumphouse on landward slope. Pipe exposed on both slopes. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). FS Date: 05/06/2009					

Photo 2 of 2 : UCIP_FA_2015_1819.jpg



View of crossing on waterward side. Dense vegetation limits inspection of crossing.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.02	Rating **	M	Issue No.	55
LM End	5.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083633 °	38.083633 °
				-121.710532 °	-121.710532 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:39868 DS_ID:24125 EP_NO: 2301 FS_HLM: 4.981 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). Pipe cutoff at shoulders and abandoned (grout filled) through levee under Permit No. 15175 (1993). FS Date: 05/06/2009					

LM Start	5.02	Rating **	M	Issue No.	56
LM End	5.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083633 °	38.083633 °
				-121.710532 °	-121.710532 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:39866 DS_ID:24235 EP_NO: 2301 FS_HLM: 4.982 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). Pipe cutoff at shoulders and abandoned (grout filled) through levee under Permit No. 15175 (1993). New pipe installed. FS Date: 05/06/2009					

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.02	Rating **	M	Issue No.	57
LM End	5.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083633 °	38.083633 °
				-121.710532 °	-121.710532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39867 DS_ID:24236 EP_NO: 2301 FS_HLM: 4.983 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959). FS Date: 05/06/2009					

No Photos

LM Start	5.05	Rating **	M	Issue No.	58
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083143 °	38.083143 °
				-121.710914 °	-121.710914 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22253 DS_ID:24195 EP_NO: 15175 FS_HLM: 5.012 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2349.jpg



Gates located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	58 (cont)
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083143 °	38.083143 °
				-121.710914 °	-121.710914 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22253
 DS_ID:24195
 EP_NO: 15175
 FS_HLM: 5.012
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 1 of 4: 24-inch steel irrigation pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate.
 Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000).
 FS Date: 05/06/2009

LM Start	5.05	Rating **	M	Issue No.	58 (cont)
LM End	5.05	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2350.jpg



View of waterward side - 3-20 inch pipes.

Photo 3 of 3 : UCIP_FA_2015_2351.jpg



Pipes, walkway, fence, and support piles located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	59
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083137 °	38.083137 °
				-121.710916 °	-121.710916 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22254					
DS_ID:24239					
EP_NO: 15175					
FS_HLM: 5.012					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 4 : UCIP_FA_2015_2352.jpg



Overview of landward side, photo 1 of 2.

LM Start	5.05	Rating **	M	Issue No.	59 (cont)
LM End	5.05	Issue Type +	En	Location *	WS

Photo 2 of 4 : UCIP_FA_2015_2353.jpg



Pipes, walkway, fence, and support piles located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	59 (cont)
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083137 °	38.083137 °
				-121.710916 °	-121.710916 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22254					
DS_ID:24239					
EP_NO: 15175					
FS_HLM: 5.012					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	5.05	Rating **	M	Issue No.	59 (cont)
LM End	5.05	Issue Type +	En	Location *	WS

Photo 3 of 4 : UCIP_FA_2015_2354.jpg



Gates located on waterward side.

Photo 4 of 4 : UCIP_FA_2015_2355.jpg



View of waterward side - 3-20 inch pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	60
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083133 °	38.083133 °
				-121.710922 °	-121.710922 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22255					
DS_ID:24240					
EP_NO: 15175					
FS_HLM: 5.013					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	5.05	Rating **	M	Issue No.	60 (cont)
LM End	5.05	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_2356.jpg



Gates located on waterward side.

Photo 2 of 3 : UCIP_FA_2015_2357.jpg



View of waterward side - 3-20 inch pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	60 (cont)
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083133 °	38.083133 °
				-121.710922 °	-121.710922 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22255					
DS_ID:24240					
EP_NO: 15175					
FS_HLM: 5.013					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2358.jpg



Pipes, walkway, fence, and support piles located on waterward side.

LM Start	5.06	Rating **	M	Issue No.	61
LM End	5.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083177 °	38.083177 °
				-121.711001 °	-121.711001 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41538 DS_ID:24241 EP_NO: 15175 FS_HLM: 5.015 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find electrical conduit however, the pump structure is present. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 4-inch electric conduit through the levee, 2.0 feet below the crown. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 16737-2000) FS Date: 05/06/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.17	Rating **	C	Issue No.	9
LM End	5.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.082842 °	38.081925 °
				-121.712998 °	-121.716790 °
DWR ID	DWR_RD0341_02_f_2014_9				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.39	Rating **	M	Issue No.	62
LM End	5.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.081790 °	38.081790 °
				-121.716868 °	-121.716868 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22256 DS_ID:24127 EP_NO: 11116 FS_HLM: 5.34 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through 18-inch pipe through the levee, 2.5 feet below the crown. Annular gap grouted. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.40). This pipe was retained under ABO No. 11116 (1975). Annular gap grouted and pipe lengthened under Permit No. 15372 (1993). FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2383.jpg



View of pipe through brush on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.39	Rating **	M	Issue No.	62 (cont)
LM End	5.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.081790 °	38.081790 °
				-121.716868 °	-121.716868 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22256 DS_ID:24127 EP_NO: 11116 FS_HLM: 5.34 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through 18-inch pipe through the levee, 2.5 feet below the crown. Annular gap grouted. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.40). This pipe was retained under ABO No. 11116 (1975). Annular gap grouted and pipe lengthened under Permit No. 15372 (1993). FS Date: 05/06/2009					

Photo 2 of 3 : UCIP_FA_2015_2384.jpg



Overview of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.39	Rating **	M	Issue No.	62 (cont)
LM End	5.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.081790 °	38.081790 °
				-121.716868 °	-121.716868 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22256
 DS_ID:24127
 EP_NO: 11116
 FS_HLM: 5.34
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope.
 Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 16-inch pipe sleeved through 18-inch pipe through the levee, 2.5 feet below the crown. Annular gap grouted. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.40). This pipe was retained under ABO No. 11116 (1975). Annular gap grouted and pipe lengthened under Permit No. 15372 (1993).
 FS Date: 05/06/2009

Photo 3 of 3 : UCIP_FA_2015_2385.jpg



Pipe on waterward side at daylight.

LM Start	5.55	Rating **	M	Issue No.	11
LM End	5.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.081270 °	38.080807 °
				-121.719702 °	-121.723488 °
DWR ID	DWR_RD0341_02_f_2014_11				

Action/Comments

Thin trees to allow visibility of the ground and room to flood fight.

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.87	Rating **	M	Issue No.	63
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080381 °	38.080381 °
				-121.725534 °	-121.725534 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22259
 DS_ID:24075
 EP_NO: 1806
 FS_HLM: 5.81
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 2 of 2: 14-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete distribution box with gate valve at landward toe. Air vent on waterward side. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). Distributon box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993).
 FS Date: 05/06/2009

LM Start	5.87	Rating **	M	Issue No.	63 (cont)
LM End	5.87	Issue Type +	En	Location *	WS

Photo 1 of 4 : UCIP_FA_2015_2433.jpg



Control panel and slide gate visible on landward toe.

Photo 2 of 4 : UCIP_FA_2015_2434.jpg



Gate located at the toe of the levee on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.87	Rating **	M	Issue No.	63 (cont)
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080381 °	38.080381 °
				-121.725534 °	-121.725534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22259 DS_ID:24075 EP_NO: 1806 FS_HLM: 5.81 Repair Type: Non-Urgent Crossing Status: Found					

LM Start	5.87	Rating **	M	Issue No.	63 (cont)
LM End	5.87	Issue Type +	En	Location *	WS

Photo 3 of 4 : UCIP_FA_2015_2438.jpg



View of pipes on waterward side.

Photo 4 of 4 : UCIP_FA_2015_2439.jpg



Air vent located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.87	Rating **	M	Issue No.	64
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080381 °	38.080381 °
				-121.725534 °	-121.725534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22258					
DS_ID:24074					
EP_NO: 11116					
FS_HLM: 5.81					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_2435.jpg



Air vent located on waterward side.

LM Start	5.87	Rating **	M	Issue No.	64 (cont)
LM End	5.87	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2436.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	5.87	Rating **	M	Issue No.	64 (cont)
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080381 °	38.080381 °
				-121.725534 °	-121.725534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22258					
DS_ID:24074					
EP_NO: 11116					
FS_HLM: 5.81					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2437.jpg



8-inch pipe and 14-inch pipe on waterward side.

LM Start	6.03	Rating **	U	Issue No.	1
LM End	6.16	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.080370 °	38.080526 °
				-121.728341 °	-121.730483 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. 2012 - The gully at upstream end has increased in size and site continues to worsen. 2015: No observed changes. [2015 Site ID: SAC_7-3_L]					

Photo 1 of 1 : USACE2013A_SAC_7-3_L_3.jpg



USACE 2013 Photo #1

LM Start	6.03	Rating **	C	Issue No.	13
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.080138 °	38.080138
				-121.728420 °	-121.729663
DWR ID	DWR_RD0341_02_f_2014_13				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.20	Rating **	M	Issue No.	65
LM End	6.20	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080591 °	38.080591 °
				-121.731249 °	-121.731249 °
DWR ID					

Photo 1 of 3 : UCIP_FA_2015_6533.jpg



Action/Comments					
<p>Inspector Comments: FS_ID:39861 DS_ID:24076 EP_NO: 11116 FS_HLM: 6.12 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used will need to meet Title 23 requirements. Hole present in pipe section. Debris on waterward side-- 10-inch pipe section abandoned on slope. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through levee, 4.0 feet below crown. Annular gap grouted. Slide gate in distribution box on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.12). This pipe was retained under ABO No. 11116 (1975). Distribution box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993). FS Date: 05/06/2009</p>					

Pipe section visible on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.20	Rating **	M	Issue No.	65 (cont)
LM End	6.20	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080591 °	38.080591 °
				-121.731249 °	-121.731249 °
DWR ID					

Photo 2 of 3 : UCIP_FA_2015_6534.jpg



Action/Comments					
Inspector Comments: FS_ID:39861 DS_ID:24076 EP_NO: 11116 FS_HLM: 6.12 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used will need to meet Title 23 requirements. Hole present in pipe section. Debris on waterward side-- 10-inch pipe section abandoned on slope. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through levee, 4.0 feet below crown. Annular gap grouted. Slide gate in distribution box on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.12). This pipe was retained under ABO No. 11116 (1975). Distribution box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993). FS Date: 05/06/2009					

Marker visible on waterward side associated with crossing.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.20	Rating **	M	Issue No.	65 (cont)
LM End	6.20	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080591 °	38.080591 °
				-121.731249 °	-121.731249 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:39861
DS_ID:24076
EP_NO: 11116
FS_HLM: 6.12
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used will need to meet Title 23 requirements. Hole present in pipe section. Debris on waterward side-- 10-inch pipe section abandoned on slope. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through levee, 4.0 feet below crown. Annular gap grouted. Slide gate in distribution box on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.12). This pipe was retained under ABO No. 11116 (1975). Distribution box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993).
FS Date: 05/06/2009

Photo 3 of 3 : UCIP_FA_2015_6535.jpg



View of structure located on waterward side.

LM Start	6.29	Rating **	U	Issue No.	47
LM End	6.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.081075 °	38.081142 °
				-121.732813 °	-121.733465 °
DWR ID	DWR_RD0341_02 f _ 2015_47				

Action/Comments

Trim trees to at least five feet above ground level.
Inspector Comments: Remove the unwanted fig trees from the levee section.

Photo 1 of 1 : FA_2015_RD0341_168_47_20151008_00025.jpg



Landside slope blocked by woody growth of fig trees.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.35	Rating **	A	Issue No.	49
LM End	8.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.081220 °	38.066977 °
				-121.733960 °	-121.771493 °
DWR ID	DWR_RD0341_02_f_2015_49				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The RD has mowed the waterside slope.					

No Photos

LM Start	6.35	Rating **	A	Issue No.	48
LM End	9.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.081220 °	38.061097 °
				-121.733960 °	-121.784352 °
DWR ID	DWR_RD0341_02_f_2015_48				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted vegetation RD has mowed the levee slope and toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.53	Rating **	M	Issue No.	66
LM End	6.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.082718 °	38.082718 °
				-121.736635 °	-121.736635 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22261					
DS_ID:24078					
EP_NO: 11116					
FS_HLM: 6.45					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 12-inch pipe through the levee, 2.0 feet below the crown. Siphon breaker on landward slope. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.31). This pipe was retained under ABO No. 11116 (1975).					
FS Date: 05/06/2009					

LM Start	6.53	Rating **	M	Issue No.	66 (cont)
LM End	6.53	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2440.jpg



View of pipe and rip rap on waterward side.

Photo 2 of 3 : UCIP_FA_2015_2441.jpg



View of crossing on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.53	Rating **	M	Issue No.	66 (cont)
LM End	6.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.082718 °	38.082718 °
				-121.736635 °	-121.736635 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22261					
DS_ID:24078					
EP_NO: 11116					
FS_HLM: 6.45					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2442.jpg



Side view of pipe on waterward side.

LM Start	6.63	Rating **	M	Issue No.	67
LM End	6.63	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083549 °	38.083549
				-121.738161 °	-121.738161 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22262					
DS_ID:24079					
EP_NO: 11107					
FS_HLM: 6.55					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in used owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 4-inch pipe through the levee, 4.0 feet below the crown. This pipe was retained under ABO No. 11107 (1975).					
FS Date: 05/06/2009					

Photo 1 of 2 : UCIP_FA_2015_2443.jpg



View of waterward side air vent pipe could be associated with crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	6.63	Rating **	M	Issue No.	67 (cont)
LM End	6.63	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083549 °	38.083549 °
				-121.738161 °	-121.738161 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22262
DS_ID:24079
EP_NO: 11107
FS_HLM: 6.55
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in used owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 4-inch pipe through the levee, 4.0 feet below the crown. This pipe was retained under ABO No. 11107 (1975).
FS Date: 05/06/2009

Photo 2 of 2 : UCIP_FA_2015_2444.jpg



View of landward side no evidence of crossing.

LM Start	7.11	Rating **	M	Issue No.	68
LM End	7.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080277 °	38.080277 °
				-121.745407 °	-121.745407 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22267
DS_ID:24193
EP_NO: 15777
FS_HLM: 7.02
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section.
FIELD_STRUCT_DESC: 42-inch steel gas pipeline through the levee, approximately 30.0 feet below the crown. (Permit No. 15777-1993)
Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111.
FS Date: 05/06/2009

Photo 1 of 2 : UCIP_FA_2015_2475.jpg



Marker located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.11	Rating **	M	Issue No.	68 (cont)
LM End	7.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080277 °	38.080277 °
				-121.745407 °	-121.745407 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22267
DS_ID:24193
EP_NO: 15777
FS_HLM: 7.02
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section.
FIELD_STRUCT_DESC: 42-inch steel gas pipeline through the levee, approximately 30.0 feet below the crown. (Permit No. 15777-1993)
Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111.
FS Date: 05/06/2009

Photo 2 of 2 : UCIP_FA_2015_2476.jpg



Marker located on landward side.

LM Start	7.11	Rating **	M	Issue No.	69
LM End	7.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080277 °	38.080277 °
				-121.745407 °	-121.745407 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22264
DS_ID:24234
EP_NO: 892
FS_HLM: 6.96
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
FIELD_STRUCT_DESC: 2 of 2: 12.75-inch steel gas line through the levee, 2.0 feet below the crown. Concrete cutoff wall around pipes at center of levee. Location marker on waterward slope. Concrete control box and valve pit on landward slope. (Permit No. 892-1942) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111.
FS Date: 05/06/2009

Photo 1 of 3 : UCIP_FA_2015_2405.jpg



Damaged marker located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.11	Rating **	M	Issue No.	69 (cont)
LM End	7.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080277 °	38.080277 °
				-121.745407 °	-121.745407 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22264 DS_ID:24234 EP_NO: 892 FS_HLM: 6.96 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 2 of 2: 12.75-inch steel gas line through the levee, 2.0 feet below the crown. Concrete cutoff wall around pipes at center of levee. Location marker on waterward slope. Concrete control box and valve pit on landward slope. (Permit No. 892-1942) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. FS Date: 05/06/2009					

LM Start	7.11	Rating **	M	Issue No.	69 (cont)
LM End	7.11	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2406.jpg



Unable to confirm the number of pipe through section of levee.

Photo 3 of 3 : UCIP_FA_2015_2407.jpg



Concrete box and marker located on near landward shoulder. Additional marker located at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.11	Rating **	M	Issue No.	70
LM End	7.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080277 °	38.080277 °
				-121.745407 °	-121.745407 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22263 DS_ID:24081 EP_NO: 892 FS_HLM: 6.96 Repair Type: Non-Urgent Crossing Status: Found					

LM Start	7.11	Rating **	M	Issue No.	70 (cont)
LM End	7.11	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2402.jpg



Marker damaged on waterward side.

Photo 2 of 3 : UCIP_FA_2015_2403.jpg



Unable to confirm number of pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.11	Rating **	M	Issue No.	70 (cont)
LM End	7.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080277 °	38.080277 °
				-121.745407 °	-121.745407 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22263 DS_ID:24081 EP_NO: 892 FS_HLM: 6.96 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2404.jpg



View of landward side. Concrete box and markers indicating gas pipeline. Additional marker located at levee toe.

LM Start	7.17	Rating **	M	Issue No.	71
LM End	7.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.079803 °	38.079803 °
				-121.746345 °	-121.746345 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22268 DS_ID:24218 EP_NO: N/A FS_HLM: 7.08 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. FIELD_STRUCT_DESC: Gas line crossing through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.08). Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-743-5000. FS Date: 05/06/2009					

Photo 1 of 2 : UCIP_FA_2015_2477.jpg



Utility marker located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.17	Rating **	M	Issue No.	71 (cont)
LM End	7.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.079803 °	38.079803 °
				-121.746345 °	-121.746345 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22268 DS_ID:24218 EP_NO: N/A FS_HLM: 7.08 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. FIELD_STRUCT_DESC: Gas line crossing through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.08). Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-743-5000. FS Date: 05/06/2009					

Photo 2 of 2 : UCIP_FA_2015_2478.jpg



Utility marker located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	72
LM End	7.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22294 DS_ID:24243 EP_NO: 10799 FS_HLM: 7.53 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5.3 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on landward shoulder. Steel (not concrete as mentioned in historical records) pipe riser on landward side. 2-inch pipe sleeve around pipe at waterward shoulder. Rock revetment on waterward slope. Pipe exposed along waterward slope. (Permit No. 10799-1977) FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2525.jpg



Overview of waterward side- 12-inch pipe located on left side and 18-inch pipe located on right side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	72 (cont)
LM End	7.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22294 DS_ID:24243 EP_NO: 10799 FS_HLM: 7.53 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5.3 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on landward shoulder. Steel (not concrete as mentioned in historical records) pipe riser on landward side. 2-inch pipe sleeve around pipe at waterward shoulder. Rock revetment on waterward slope. Pipe exposed along waterward slope. (Permit No. 10799-1977) FS Date: 05/06/2009					

Photo 2 of 3 : UCIP_FA_2015_2526.jpg



Steel stand pipe located on landward side near levee toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	72 (cont)
LM End	7.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22294 DS_ID:24243 EP_NO: 10799 FS_HLM: 7.53 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5.3 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on landward shoulder. Steel (not concrete as mentioned in historical records) pipe riser on landward side. 2-inch pipe sleeve around pipe at waterward shoulder. Rock revetment on waterward slope. Pipe exposed along waterward slope. (Permit No. 10799-1977) FS Date: 05/06/2009					

Photo 3 of 3 : UCIP_FA_2015_2527.jpg



Concrete headwall located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	73
LM End	7.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22293 DS_ID:24128 EP_NO: 1915 FS_HLM: 7.53 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 18-inch (not 12-inch as noted in historical records) steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete pipe riser on landward side. (Permit No. 1352-1948) Siphon breaker on landward side installed under Permit No. 1915 (1954). Pipe removed and replaced by 12-inch steel pipe under Permit No. 10799 (1977). FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2522.jpg



View of crossing located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	73 (cont)
LM End	7.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22293
 DS_ID:24128
 EP_NO: 1915
 FS_HLM: 7.53
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement.
 FIELD_STRUCT_DESC: 18-inch (not 12-inch as noted in historical records) steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete pipe riser on landward side. (Permit No. 1352-1948) Siphon breaker on landward side installed under Permit No. 1915 (1954). Pipe removed and replaced by 12-inch steel pipe under Permit No. 10799 (1977).
 FS Date: 05/06/2009

Photo 2 of 3 : UCIP_FA_2015_2523.jpg



Overview of waterward side-18-inch pipe located on right side and 12-inch pipe located on left side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	73 (cont)
LM End	7.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22293
DS_ID:24128
EP_NO: 1915
FS_HLM: 7.53
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement.
FIELD_STRUCT_DESC: 18-inch (not 12-inch as noted in historical records) steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete pipe riser on landward side. (Permit No. 1352-1948) Siphon breaker on landward side installed under Permit No. 1915 (1954). Pipe removed and replaced by 12-inch steel pipe under Permit No. 10799 (1977).
FS Date: 05/06/2009

Photo 3 of 3 : UCIP_FA_2015_2524.jpg



Concrete headwall found on waterward side.

LM Start	8.01	Rating **	M	Issue No.	74
LM End	8.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.073340 °	38.073340 °
				-121.759340 °	-121.759340 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22303
DS_ID:24246
EP_NO: N/A
FS_HLM: 7.91
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Need to determine the status of conduit--has construction been completed?
FIELD_STRUCT_DESC: Four 2.5-inch conduits sleeved through 12-inch steel pipe through the levee. Boat launching dock and ramp on the waterward side. Provide a field description of this crossing.
FS Date: 05/06/2009

Photo 1 of 3 : UCIP_FA_2015_2547.jpg



View of conduit on landward side. Four 2.5-inch conduits through levee not in use yet.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.01	Rating **	M	Issue No.	74 (cont)
LM End	8.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.073340 °	38.073340 °
				-121.759340 °	-121.759340 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22303 DS_ID:24246 EP_NO: N/A FS_HLM: 7.91 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine the status of conduit--has construction been completed? FIELD_STRUCT_DESC: Four 2.5-inch conduits sleeved through 12-inch steel pipe through the levee. Boat launching dock and ramp on the waterward side. Provide a field description of this crossing. FS Date: 05/06/2009					

LM Start	8.01	Rating **	M	Issue No.	74 (cont)
LM End	8.01	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2548.jpg



Conduits exposed on waterward side.

Photo 3 of 3 : UCIP_FA_2015_2549.jpg



View of waterward side. Conduit goes though concrete structure connecting walkway.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.29	Rating **	M	Issue No.	75
LM End	8.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.072083 °	38.072083 °
				-121.764216 °	-121.764216 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22305					
DS_ID:24221					
EP_NO: 17728					
FS_HLM: 8.189					
Repair Type: Non-Urgent					
Crossing Status: Not Found					

Photo 1 of 1 : UCIP_FA_2015_2550.jpg



Dock installed at levee mile 7.91.

LM Start	8.43	Rating **	M	Issue No.	76
LM End	8.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070678 °	38.070678 °
				-121.766206 °	-121.766206 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22307					
DS_ID:24233					
EP_NO: 3494					
FS_HLM: 8.33					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.					
FIELD_STRUCT_DESC: 2 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder. Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number provided on marker out in the field 1-800-811-4111.					
FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2554.jpg



Gas line crossing sign located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.43	Rating **	M	Issue No.	76 (cont)
LM End	8.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070678 °	38.070678 °
				-121.766206 °	-121.766206 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22307
 DS_ID:24233
 EP_NO: 3494
 FS_HLM: 8.33
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
 FIELD_STRUCT_DESC: 2 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder.
 Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number provided on marker out in the field 1-800-811-4111.
 FS Date: 05/06/2009

LM Start	8.43	Rating **	M	Issue No.	76 (cont)
LM End	8.43	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2555.jpg



Gas line markers located on landward side.

Photo 3 of 3 : UCIP_FA_2015_2556.jpg



Surve marker located at site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.43	Rating **	M	Issue No.	77
LM End	8.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070678 °	38.070678
				-121.766206 °	-121.766206
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22306					
DS_ID:24130					
EP_NO: 3494					
FS_HLM: 8.33					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	8.43	Rating **	M	Issue No.	77 (cont)
LM End	8.43	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2551.jpg



Gas line crossing sign located on waterward side.

Photo 2 of 3 : UCIP_FA_2015_2552.jpg



Gas line markers visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.43	Rating **	M	Issue No.	77 (cont)
LM End	8.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070678 °	38.070678
				-121.766206 °	-121.766206
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22306					
DS_ID:24130					
EP_NO: 3494					
FS_HLM: 8.33					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_2553.jpg



Survey marker found at this location.

LM Start	8.52	Rating **	M	Issue No.	78
LM End	8.52	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069690 °	38.069690 °
				-121.767313 °	-121.767313 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22309 DS_ID:24247 EP_NO: N/A FS_HLM: 8.42 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New record found in the field. Unable to find any information for crossing during DWR desk study. Will need to find the owner and obtain records for crossing. Need to coordinate with CVFPB. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, at a shallow depth below the crown. Air vent on the waterward side. Distribution box with slide gate and observation well on the landward side. Pumping station on the landward side. Rip rap located on waterward side. FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2293.jpg



Concrete stand pipe and gate valve located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.52	Rating **	M	Issue No.	78 (cont)
LM End	8.52	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069690 °	38.069690 °
				-121.767313 °	-121.767313 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22309
 DS_ID:24247
 EP_NO: N/A
 FS_HLM: 8.42
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: New record found in the field. Unable to find any information for crossing during DWR desk study. Will need to find the owner and obtain records for crossing. Need to coordinate with CVFPB.
 FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, at a shallow depth below the crown. Air vent on the waterward side. Distribution box with slide gate and observation well on the landward side. Pumping station on the landward side. Rip rap located on waterward side.
 FS Date: 05/06/2009

LM Start	8.52	Rating **	M	Issue No.	78 (cont)
LM End	8.52	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2294.jpg



Overview of crossing on waterward side.

Photo 3 of 3 : UCIP_FA_2015_2295.jpg



Siphon breaker visible on waterward side. Levee toe is armored with rock slope protection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.68	Rating **	U	Issue No.	79
LM End	8.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.068019 °	38.068019 °
				-121.769367 °	-121.769367 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22323					
DS_ID:24131					
EP_NO: 11108					
FS_HLM: 8.577					
Repair Type: Urgent					
Crossing Status: Found					

LM Start	8.68	Rating **	U	Issue No.	79 (cont)
LM End	8.68	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2297.jpg



Deformed pipe end located on waterward side.

Photo 2 of 3 : UCIP_FA_2015_2298.jpg



Gate valve covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	8.68	Rating **	U	Issue No.	79 (cont)	
LM End	8.68	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.068019 °		38.068019 °
				-121.769367 °		-121.769367 °
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:22323						
DS_ID:24131						
EP_NO: 11108						
FS_HLM: 8.577						
Repair Type: Urgent						
Crossing Status: Found						

Photo 3 of 3 : UCIP_FA_2015_2299.jpg



Overview of waterward side. Slope protection along bank.

LM Start	9.12	Rating **	M	Issue No.	80
LM End	9.12	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064563 °	38.064563
				-121.776153 °	-121.776153
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22324 DS_ID:24133 EP_NO: 11114 FS_HLM: 9.011 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 4.0 feet below the crown. Concrete standpipe with slide gate on landward side. Rock revetment on waterward slope. This pipe was retained under ABO No. 11114 (1975). FS Date: 05/06/2009					

Photo 1 of 3 : UCIP_FA_2015_2296.jpg



Overview of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	9.12	Rating **	M	Issue No.	80 (cont)
LM End	9.12	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064563 °	38.064563 °
				-121.776153 °	-121.776153 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22324
 DS_ID:24133
 EP_NO: 11114
 FS_HLM: 9.011
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 14-inch pipe through the levee, 4.0 feet below the crown. Concrete standpipe with slide gate on landward side. Rock revetment on waterward slope. This pipe was retained under ABO No. 11114 (1975).
 FS Date: 05/06/2009

LM Start	9.12	Rating **	M	Issue No.	80 (cont)
LM End	9.12	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2300.jpg



Potential subsidence in slope however difficult to determine due to dense vegetation.

Photo 3 of 3 : UCIP_FA_2015_2323.jpg



Overview of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/08/2015 10/08/2015	Herman Phillips

LM Start	9.36	Rating **	A	Issue No.	50
LM End	9.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.063150 °	38.061098 °
				-121.780068 °	-121.784350 °
DWR ID	DWR_RD0341_02_f _ 2015_50				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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